

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049986.D
 Acq On : 21 Jul 2018 3:31
 Operator : MD\SY
 Sample : J4057-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-4

Quant Time: Jul 21 05:37:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	571124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	949432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	792867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	271180	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	411731	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
35) Dibromofluoromethane	7.59	113	363598	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	
50) Toluene-d8	10.09	98	1288785	44.38	ug/l	0.00
Spiked Amount			Recovery	=	88.76%	
62) 4-Bromofluorobenzene	12.40	95	338943	33.89	ug/l	0.00
Spiked Amount			Recovery	=	67.78%	

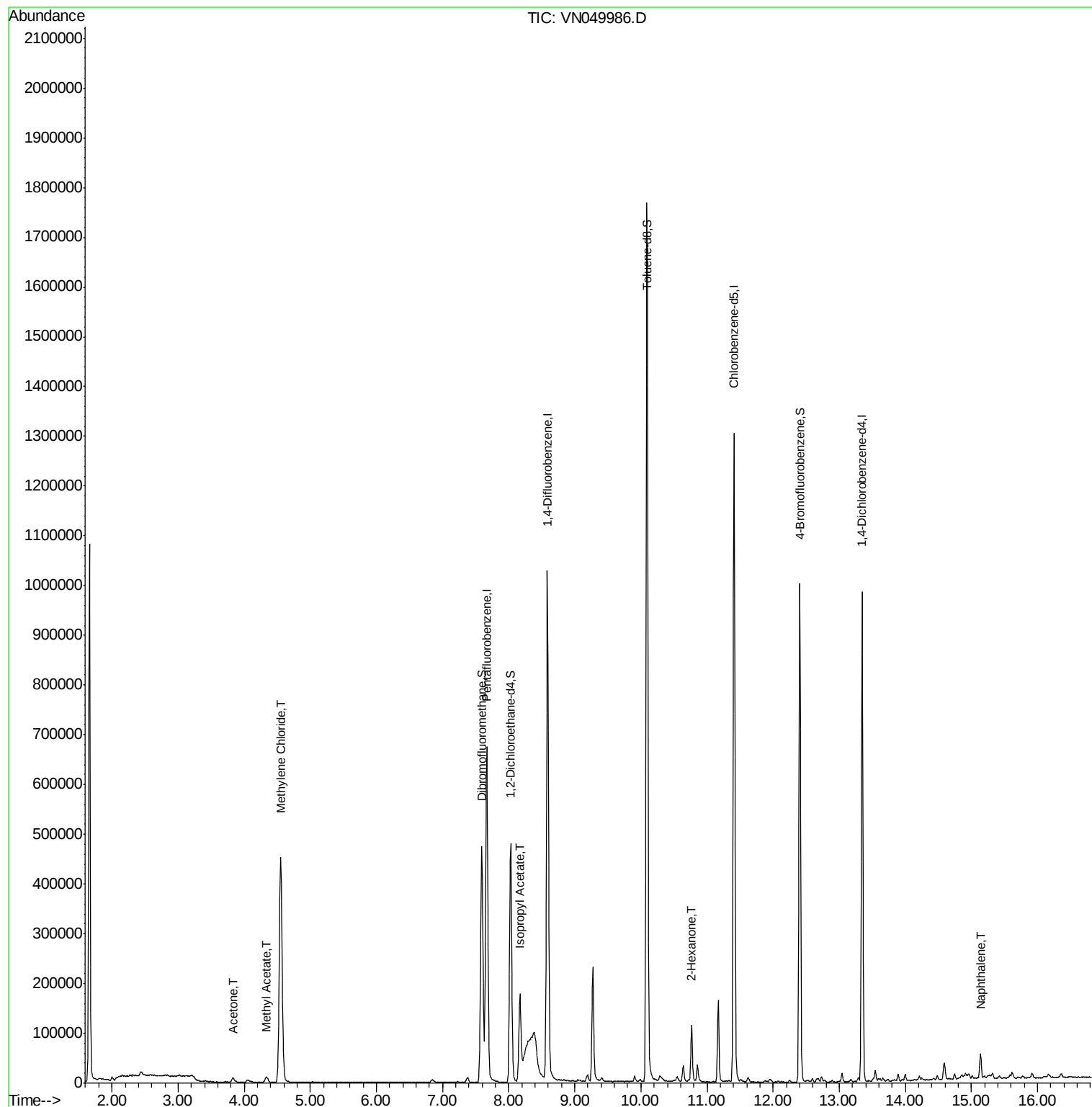
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	16497	8.12	ug/l	91
18) Methyl Acetate	4.34	43	22079	2.68	ug/l	94
20) Methylene Chloride	4.55	84	344342	44.55	ug/l	99
43) Isopropyl Acetate	8.17	43	220628	17.42	ug/l	99
59) 2-Hexanone	10.77	43	18549	3.90	ug/l #	58
95) Naphthalene	15.14	128	42368	7.49	ug/l	99

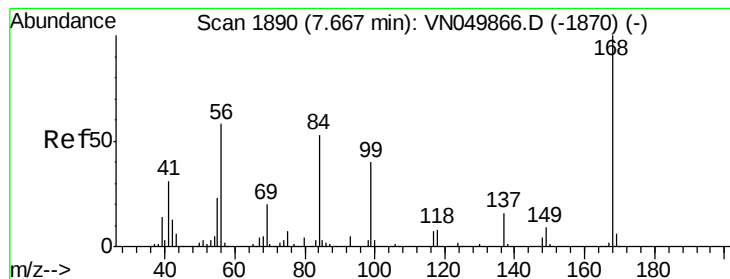
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072018\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049986.D

Acq: 21 Jul 2018 3:31

Instrument :

MSVOA_N

ClientSampled :

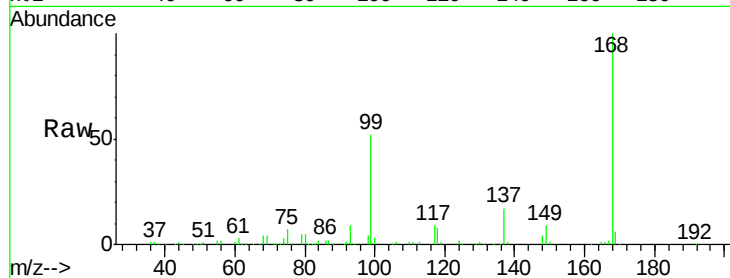
LS-SOIL-4

Tot Ion:168 Resp: 571124

Ion Ratio Lower Upper

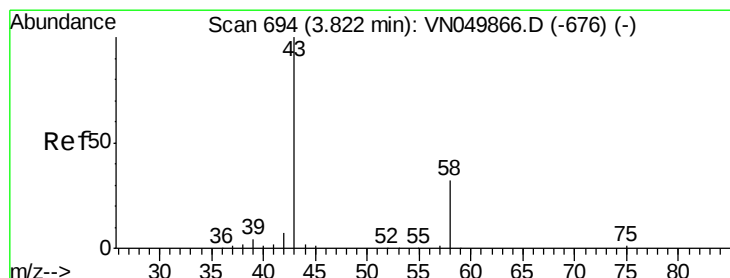
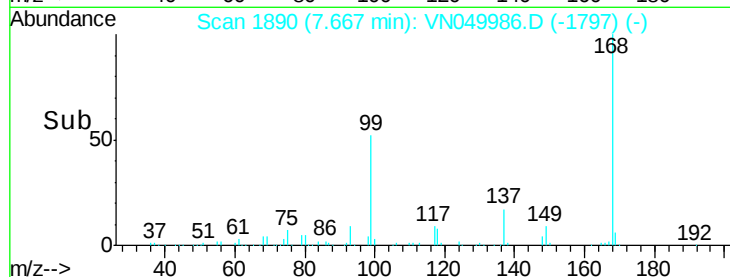
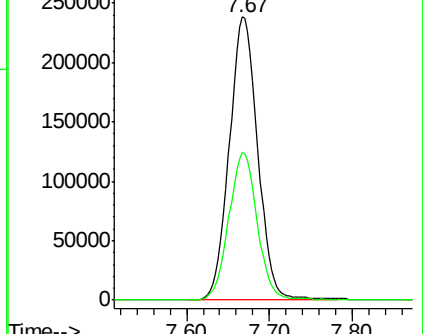
168 100

99 52.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.12 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049986.D

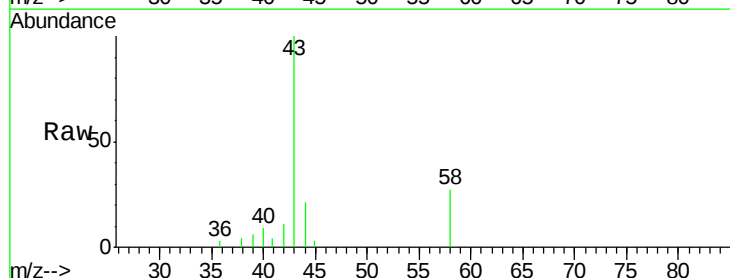
Acq: 21 Jul 2018 3:31

Tgt Ion: 43 Resp: 16497

Ion Ratio Lower Upper

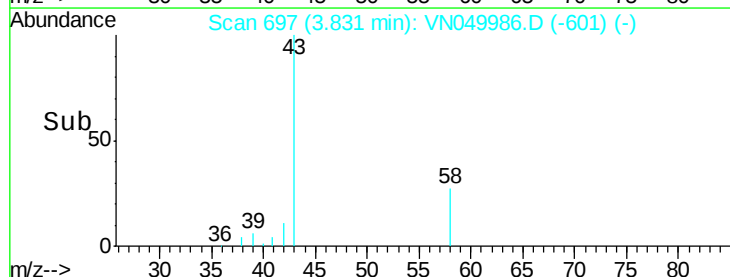
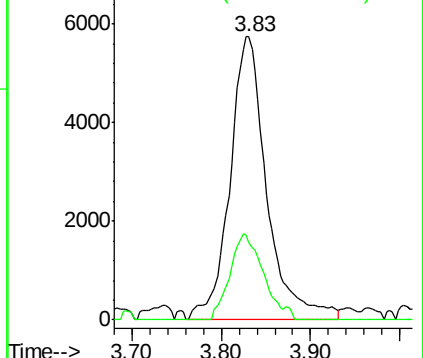
43 100

58 27.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

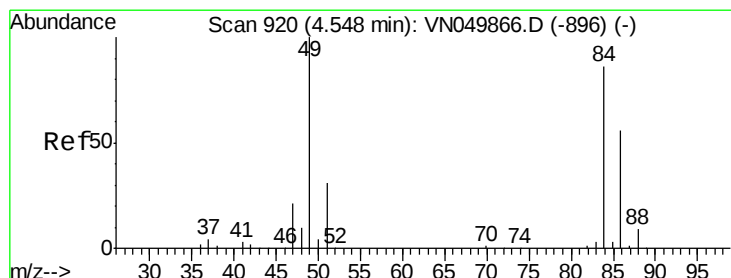
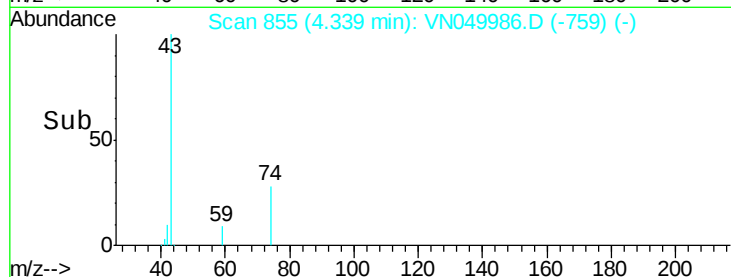
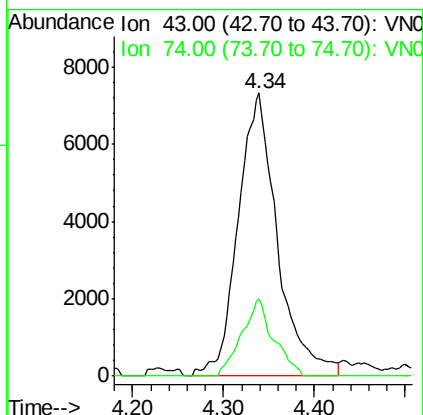
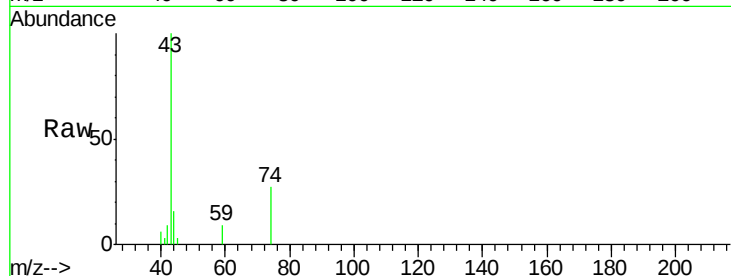




#18
Methvl Acetate
Concen: 2.68 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN049986.D
Acq: 21 Jul 2018 3:31

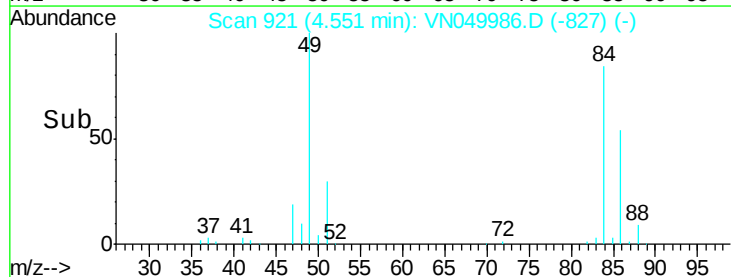
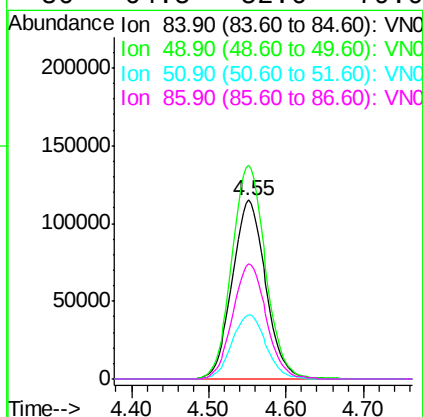
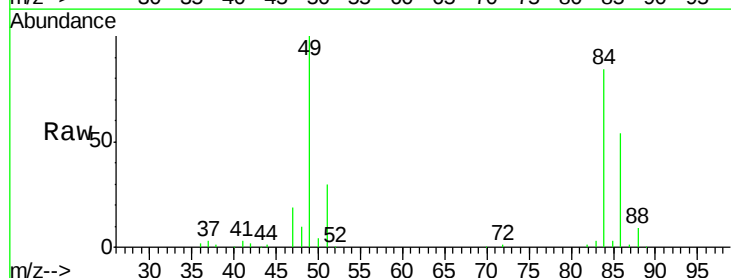
Instrument :
MSVOA_N
ClientSampleId :
LS-SOIL-4

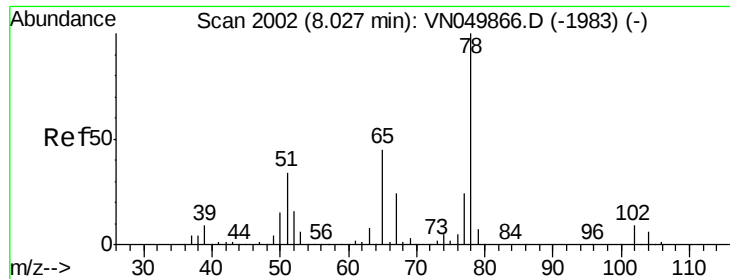
Tot Ion: 43 Resp: 22079
Ion Ratio Lower Upper
43 100
74 22.0 19.8 29.8



#20
Methylene Chloride
Concen: 44.55 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049986.D
Acq: 21 Jul 2018 3:31

Tgt Ion: 84 Resp: 344342
Ion Ratio Lower Upper
84 100
49 119.5 95.4 143.2
51 35.8 28.4 42.6
86 64.5 52.6 79.0

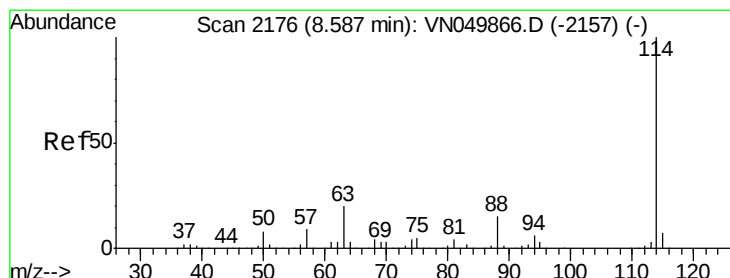
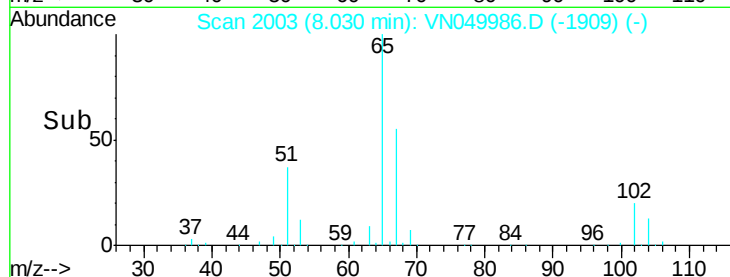
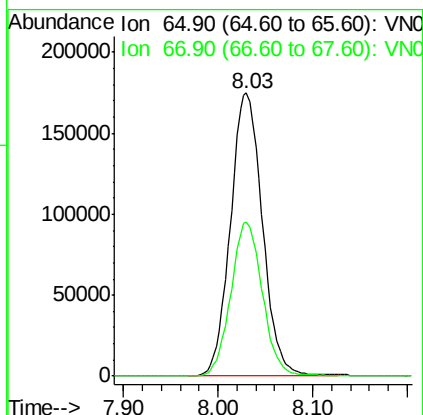
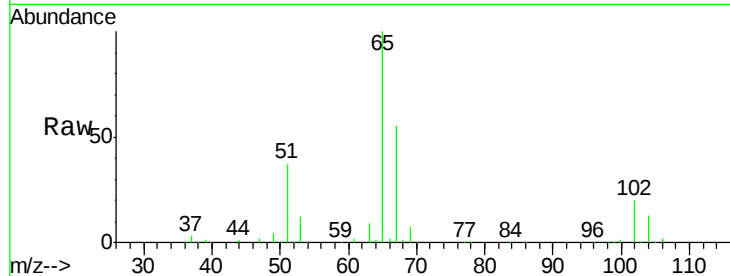




#33
 1,2-Dichloroethane-d4
 Concen: 52.45 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049986.D
 Acq: 21 Jul 2018 3:31

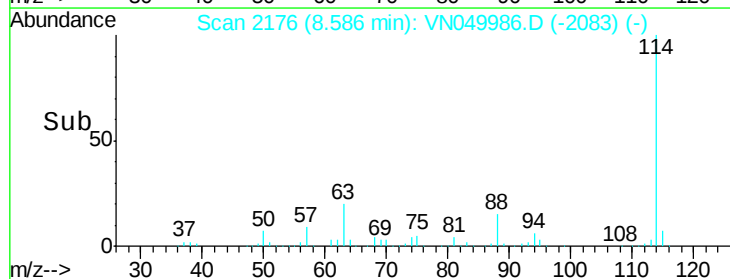
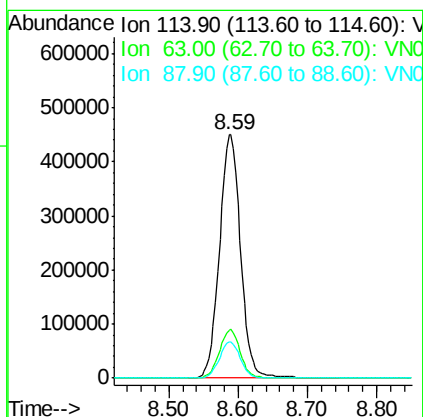
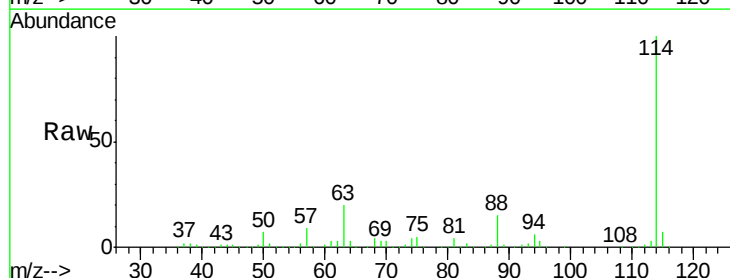
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-4

Tot Ion: 65 Resp: 411731
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049986.D
 Acq: 21 Jul 2018 3:31

Tgt Ion: 114 Resp: 949432
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.0 0.0 30.6

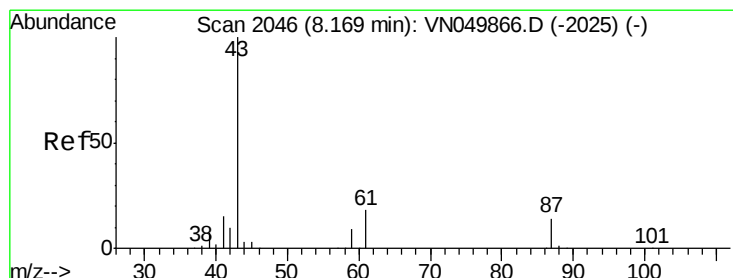
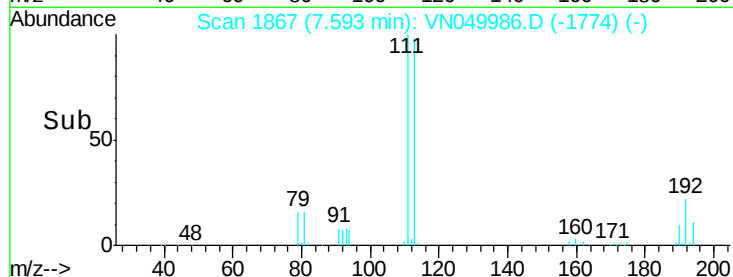
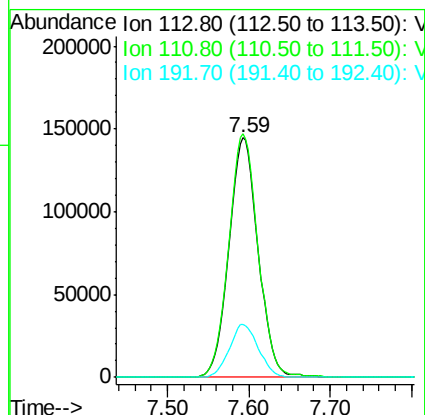
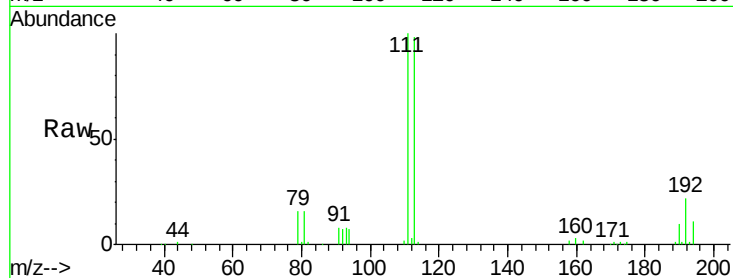




#35
 Dibromofluoromethane
 Concen: 45.62 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049986.D
 Acq: 21 Jul 2018 3:31

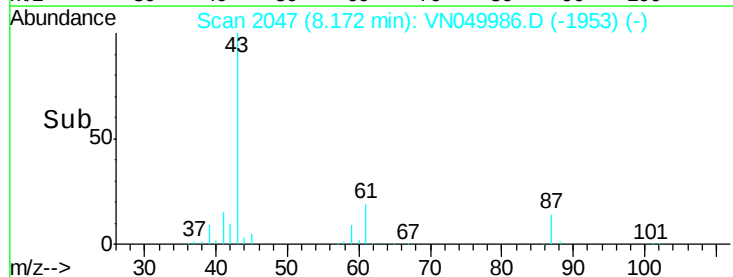
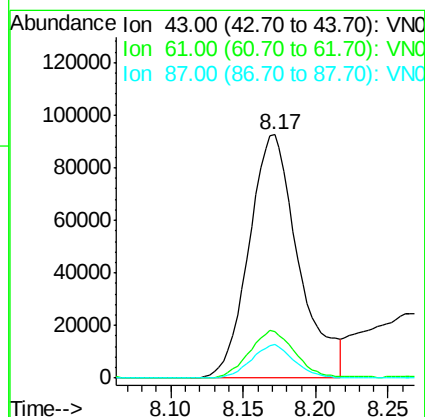
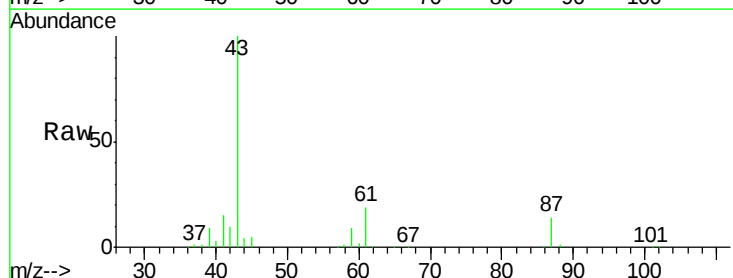
Instrument :
 MSVOA_N
 ClientSampleId :
 LS-SOIL-4

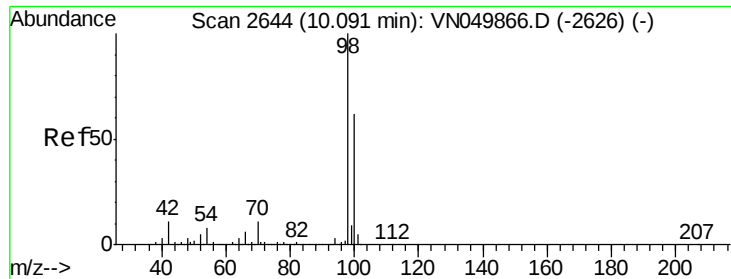
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	22.0	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 17.42 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049986.D
 Acq: 21 Jul 2018 3:31

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.9	22.3
87	12.0	10.0	15.0





#50

Toluene-d8

Concen: 44.38 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049986.D

Acq: 21 Jul 2018 3:31

Instrument :

MSVOA_N

ClientSampleId :

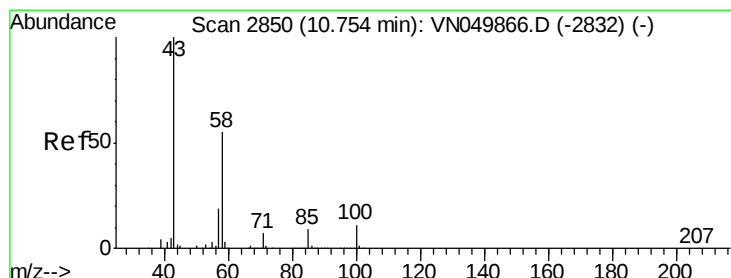
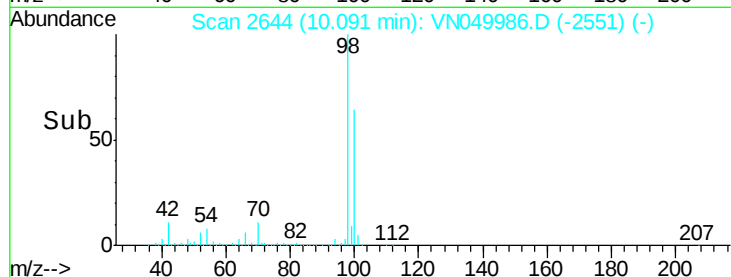
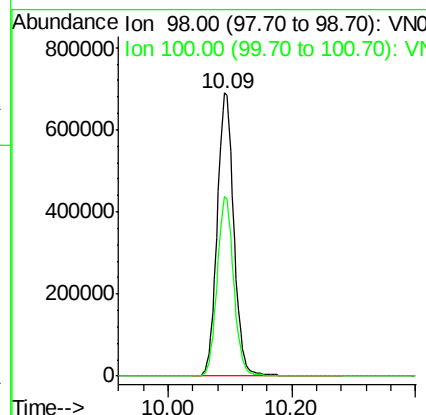
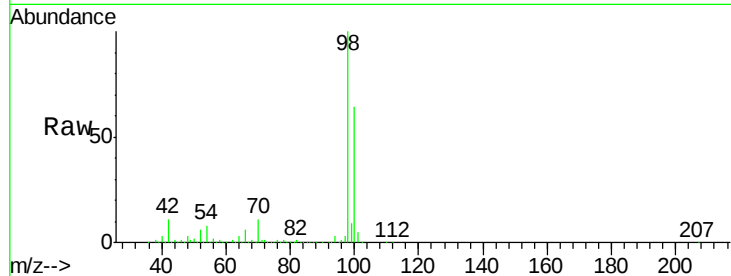
LS-SOIL-4

Tot Ion: 98 Resp: 1288785

Ion Ratio Lower Upper

98 100

100 62.6 51.7 77.5



#59

2-Hexanone

Concen: 3.90 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049986.D

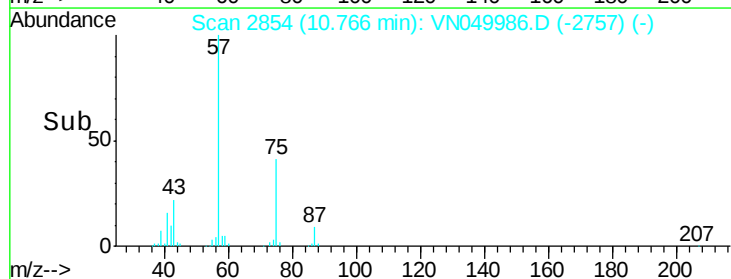
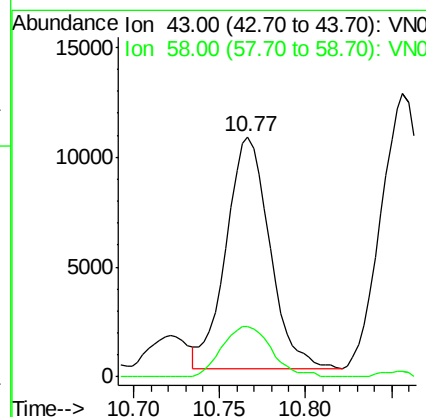
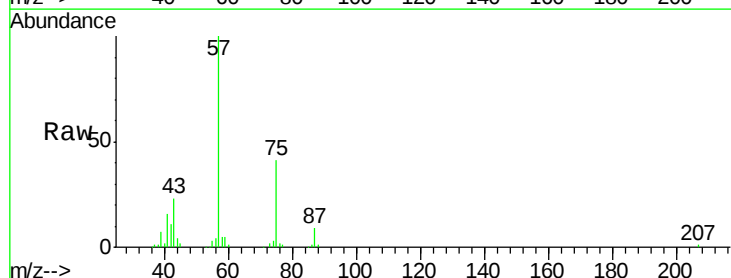
Acq: 21 Jul 2018 3:31

Tgt Ion: 43 Resp: 18549

Ion Ratio Lower Upper

43 100

58 24.9 27.8 83.4#

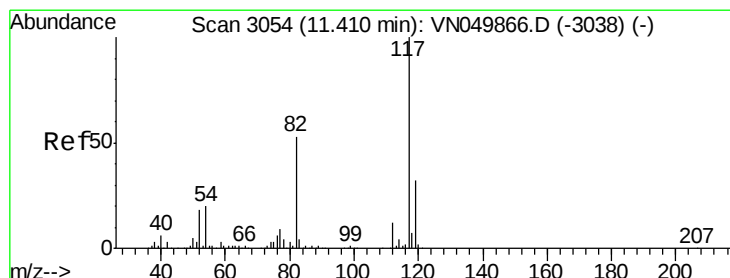
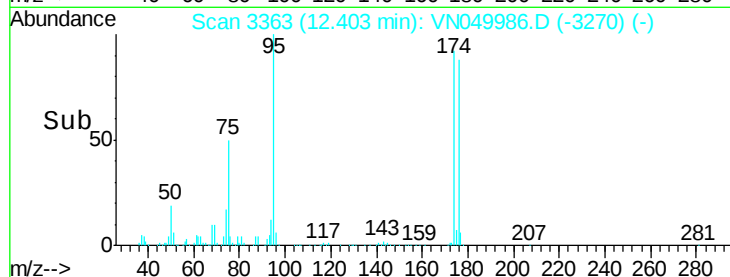
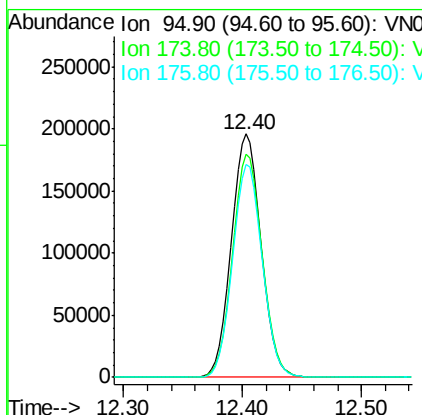
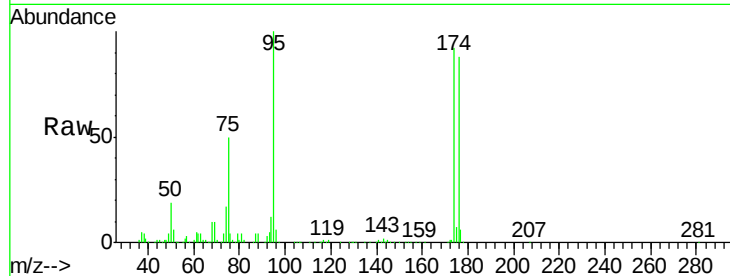




#62
4-Bromofluorobenzene
Concen: 33.89 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049986.D
Acq: 21 Jul 2018 3:31

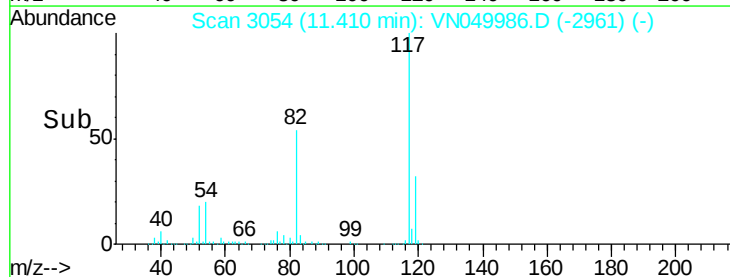
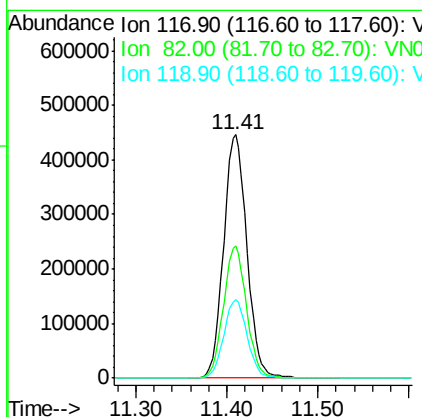
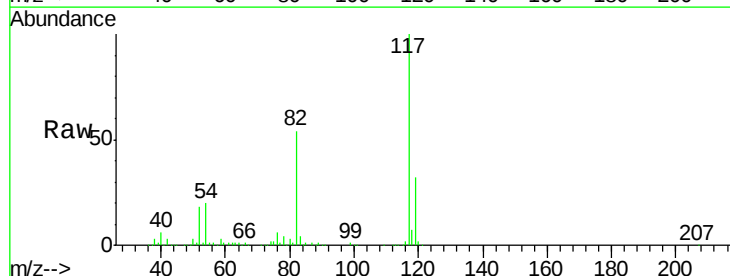
Instrument :
MSVOA_N
ClientSampled :
LS-SOIL-4

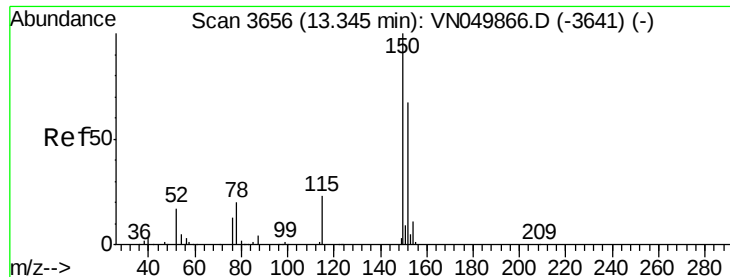
Tot Ion: 95 Resp: 338943
Ion Ratio Lower Upper
95 100
174 91.8 0.0 179.6
176 87.1 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049986.D
Acq: 21 Jul 2018 3:31

Tgt Ion: 117 Resp: 792867
Ion Ratio Lower Upper
117 100
82 54.3 41.9 62.9
119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049986.D

Acq: 21 Jul 2018 3:31

Instrument :

MSVOA_N

ClientSampleId :

LS-SOIL-4

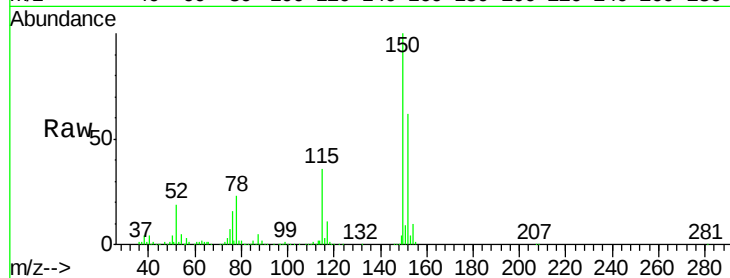
Tot Ion:152 Resp: 271180

Ion Ratio Lower Upper

152 100

115 57.1 28.1 84.2

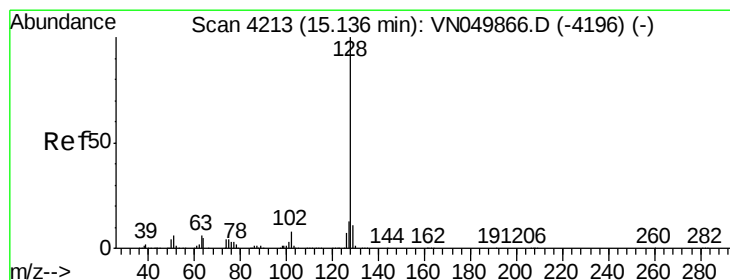
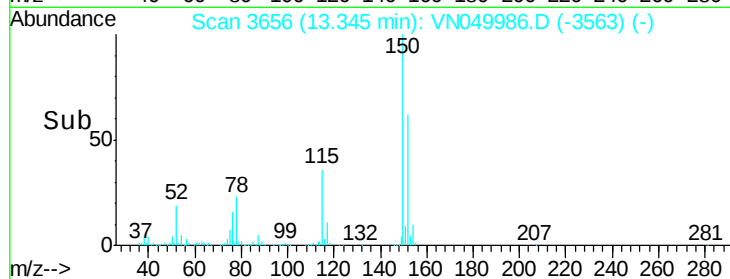
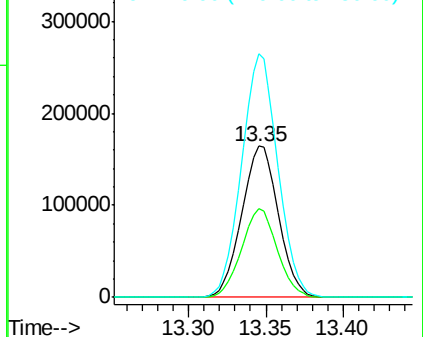
150 158.7 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 7.49 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049986.D

Acq: 21 Jul 2018 3:31

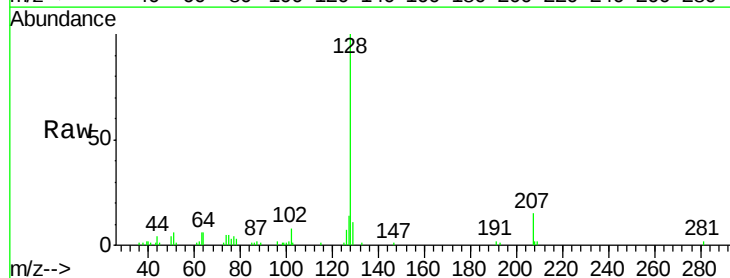
Tgt Ion:128 Resp: 42368

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

